

Title (en)

N2O-based, ionic monopropellants for space propulsion

Title (de)

Ionische, monergole Treibstoffe auf N2O-Basis für den Raumantreib

Title (fr)

Nouveaux monergols ioniques à base de N2O pour la propulsion spatiale

Publication

**EP 2620422 B1 20140423 (FR)**

Application

**EP 13152595 A 20130124**

Priority

FR 1250794 A 20120127

Abstract (en)

[origin: EP2620422A1] Monopropellant comprises a mixture comprising nitrous oxide as oxidant partially in the form of liquid, and a fuel in the form of salt in liquid phase of the nitrous oxide. An independent claim is included for preparing a monopropellant comprising mixing of fuel and nitrous oxide in a closed chamber.

IPC 8 full level

**C06B 43/00** (2006.01); **C06D 5/08** (2006.01)

CPC (source: EP US)

**C06B 43/00** (2013.01 - EP US); **C06D 5/08** (2013.01 - EP US)

Cited by

CN108981162A

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2620422 A1 20130731**; **EP 2620422 B1 20140423**; FR 2986229 A1 20130802; FR 2986229 B1 20140321; JP 2013155105 A 20130815; JP 6154142 B2 20170628; US 2013305685 A1 20131121

DOCDB simple family (application)

**EP 13152595 A 20130124**; FR 1250794 A 20120127; JP 2013012051 A 20130125; US 201313751774 A 20130128